

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/May/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.909	1568.544	1) Gujrat	1.812	3.240
2) Hydro	41.000	400.802	2) Madhya Pradesh	8.371	119.892
3) Gas	6.824	75.576	3) Chattisgarh	4.770	50.840
Total MSPGCL	192.733	2044.922	4) Maharashtra	121.446	1368.471
B) 1) APMIL	76.272	775.934	5) Goa (Amona)	-0.374	-5.324
2) JSWEL	25.628	239.520	Total	136.025	1537.119
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.299	318.700
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	30.506	365.436
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	11.719	153.766
6) Other IPP	6.387	78.403	Include PX	-8.767	-50.422
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.299	318.700
C) 1) TPCL Thermal	13.330	142.120	Include PX	15.556	209.782
2) TPCL Hydro	3.636	41.715	Standby	0.000	0.000
3) TPCL Gas	4.267	47.117	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.648	103.145	1) MSEDCL	430.339	4671.912
D) STATE			2) Mumbai Discoms	61.387	699.526
1) Thermal	276.174	2907.666	TOTAL STATE	491.726	5371.438
(A1+C1+C4+(B1-B6))					
2) Hydro	44.636	442.517			
(A2+C2)					
3) Gas	11.091	122.693			
(A3+B7+C3)					
4) Wind	17.502	284.454			
6) SOLAR	6.298	76.996			
TOTAL STATE	355.701	3834.326			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6024	6066	6036	5828
MSPGCL Hydro	1760	1727	1912	1579
MSPGCL Gas	279	280	285	289
MSPGCL Total Generation	8063	8073	8233	7696
Central Sector Receipt	6181	6398	4963	5679
WIND	302	602	1058	958
CPP / IPP Thermal	4385	4683	4552	4285
CPP / IPP Gas	0	0	0	0
SOLAR	877	280	0	0
Exchange with Mumbai	-1558	-1280	-1313	-1088
MSEDCL DEMAND MET	18250	18756	17493	17530
Load Shedding	0	0	0	0
MSEDCL DEMAND	18250	18756	17493	17530
TPCL GENERATION	971	1150	945	700
AEML GENERATION	375	500	373	373
MUMBAI DEMAND	2904	2930	2631	2161
STATE DEMAND MET	21154	21686	20124	19691
STATE DEMAND	21154	21686	20124	19691
Frequency (Hz)	50.00	50.05	50.00	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13.02 Hrs	49.77 Hz at 14.14 Hrs	50.01	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 11/May/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	9.99	0	0
Unit 7	0.00	0.00	0	0
Unit 8	11.86	116.05	620	428
Unit 9	0.69	86.77	330	0
Unit 10	11.96	117.02	552	430
Total	24.50	329.82		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	95.57	0	0
Unit 5	11.34	107.91	500	360
Total	11.34	203.48		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	4.61	34.06	197	171
Unit 4	4.28	45.34	181	167
Unit 5	9.81	40.52	420	375
Unit 6	10.56	110.86	458	380
Unit 7	9.92	105.54	437	375
Unit 8	11.46	115.54	485	463
Unit 9	11.39	103.04	480	465
Total	62.04	554.91		
Paras				
Unit 3	6.08	60.40	258	250
Unit 4	5.95	62.28	255	210
Total	12.04	122.68		
Khaparkheda				
Unit 1	2.99	25.64	145	95
Unit 2	3.32	38.64	160	95
Unit 3	3.98	41.78	172	160
Unit 4	4.07	42.05	173	166
Unit 5	11.68	118.90	490	470
Total	26.04	267.02		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.57	45.61	210	160
Unit 5	4.38	45.03	199	161
Total	8.94	90.64		
Uran				
All Units	6.82	75.58	298	267
Total	6.82	75.58		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.12	0.84	23	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.12	0.84		
Koyna				
Stage 1-2	8.10	76.92	535	45
Stage 4	22.25	221.17	1007	645
Stage 3	6.80	65.32	320	218
Total	37.16	363.40		
Hydro				
KDPH	0.66	7.86	28	27
VTRNA	0.76	8.82	61	0
TILLARI	0.30	4.75	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	2.09	40	0
RNGR+BHTSA	0.25	2.78	11	10
BHANDARDRA	0.25	2.03	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.12	3.38	5	4
GHATGHAR	1.34	5.70	250	0
Total	3.84	37.40		
Wind				
Total	17.50	284.45	0	0
Total	17.50	284.45		
CPP				
APML(Mus)	76.27	775.93	0	0
JSWEL(Mus)	25.63	239.52	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	6.39	78.40	0	0
Total	108.29	1093.86		
SOLAR				
Total	6.30	77.00	0	0
Total	6.30	77.00		
Tata				
Trombay 5	8.42	88.43	448	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.71	29.95	116	88
Trombay 7B	1.56	17.16	67	57
Trombay 8	4.91	53.69	230	197
TATA Hydro	3.64	41.72	314	9
Total	21.23	230.95		
AEML				
DTPS U-1&2	9.65	103.14	500	372
Total	9.65	103.14		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.91	1568.54	MSPGCL Total	192.73	2044.92
			MSPGCL Thml+Gas	151.73	1644.12	Koyna 1,2 & 4 Total	30.35	298.09
			MSPGCL Hydro	41.00	400.80	State Total	355.70	3834.33

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 11/May/2019

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	6118	1917	287	8322	623	4708	0	0	5188	5417	-1209	17861	0	17861	2613	20474	49.98
2	6055	1930	289	8274	801	4697	0	0	4998	4983	-1073	17682	0	17682	2437	20119	49.99
3	6048	1599	288	7935	936	4429	0	0	5261	5538	-981	17857	0	17857	2283	20140	50.03
4	5828	1579	289	7696	958	4285	0	0	5533	5679	-1088	17530	0	17530	2161	19691	50.03
5	5804	1772	298	7874	886	4214	0	0	5490	5763	-1084	17653	0	17653	2115	19768	50.02
6	6095	1764	289	8148	913	4447	0	0	5862	5703	-1098	18113	0	18113	2142	20255	49.99
7	6128	1563	290	7981	690	4585	0	48	6012	6137	-846	18595	0	18595	2113	20708	50.04
8	6002	1184	289	7475	630	4539	0	205	5988	5940	-965	17824	0	17824	2152	19976	50.05
9	5989	1229	286	7504	669	4368	0	438	5913	5946	-1226	17699	0	17699	2315	20014	50.03
10	5741	1494	283	7518	619	4286	0	667	6006	5919	-1379	17630	0	17630	2549	20179	50.00
11	5669	1813	272	7754	410	4268	0	796	6033	5976	-1435	17769	0	17769	2781	20550	50.03
12	6024	1760	279	8063	302	4385	0	877	6249	6181	-1558	18250	0	18250	2904	21154	50.00
13	6121	1626	276	8023	290	4531	0	845	6363	6240	-1533	18396	0	18396	2915	21311	50.02
14	5924	1758	278	7960	419	4569	0	855	6135	6158	-1502	18459	0	18459	2822	21281	50.01
15	6008	1883	267	8158	468	4603	0	718	6201	6095	-1441	18601	0	18601	2888	21489	49.94
16	6066	1727	280	8073	602	4683	0	280	6308	6398	-1280	18756	0	18756	2930	21686	50.05
17	6042	1859	280	8181	726	4585	0	394	6153	6255	-1326	18815	0	18815	2857	21672	49.96
18	6057	1843	281	8181	795	4556	0	156	5829	5631	-1407	17912	0	17912	2753	20665	50.01
19	6099	1463	283	7845	1070	4549	0	19	5075	5085	-1334	17234	0	17234	2658	19892	50.01
20	6129	1457	285	7871	1088	4570	0	0	5160	5113	-1275	17367	0	17367	2652	20019	50.00
21	6036	1912	285	8233	1058	4552	0	0	4918	4963	-1313	17493	0	17493	2631	20124	50.00
22	6150	1976	287	8413	903	4563	0	0	4726	4901	-1316	17464	0	17464	2576	20040	50.07
23	6343	1998	287	8628	843	4623	0	0	5130	5206	-1392	17908	0	17908	2555	20463	49.94
24	6433	1894	296	8623	803	4692	0	0	5157	4798	-1445	17471	0	17471	2585	20056	49.96
MUs	144.91	41.00	6.82	192.73	17.50	108.29	0.00	6.30	135.69	136.03	-30.51	430.34	0.00	430.34	61.39	491.73	50.01

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 11/May/2019

Position as on 6.30 Hrs of 12/May/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 7	250	12/12/2018	00.00		Continued.	Zero Schedule. (From Dt-27/01/2019 Converted Zero sch to AOH) and (from dt-15/02/2019 Converted AOH to Zero sch by MSEDCL)	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit B0	120	08/09/2018	12.19		Continued.	T/F Shifting Work.	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn Due To B0 & U-7	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Zero Schedule.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	14/12/2018	03.00		Continued.	Zero Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	19/01/2019	18.21		Continued.	Poor Coal Receipt	
MSPGCL	Nasik Unit 3	210	19/04/2019	12.22		Continued.	Boiler Tube Leakage(Converted for Zero Schedule from 00.00Hrs DT.22-04-2019)	
IPP	RPL(AMT) U-1	270	20/04/2019	00.01		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-5	270	21/04/2019	00.01		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-2	270	24/04/2019	00.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-3	270	30/04/2019	17.00		Continued.	Zero Schedule	
MSPGCL	Parli Unit 8	250	01/05/2019	00.00		Continued.	Zero Schedule	
IPP	Dhariwal	300	01/05/2019	00.00	11/05/2019	22.45	No Schedule	
MSPGCL	Koradi Unit 6	210	03/05/2019	19.08	12/05/2019	11.22	Zero schedule.	
MSPGCL	Koradi Unit 9	660	09/05/2019	04.40	11/05/2019	20.30	Zero Schedule By MSEDCL.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 11/May/2019

Position as on 6.30 Hrs of 12/May/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 4	500	10/05/2019	20.51	12/05/2019	21.58	Boiler Tube Leakage	
MSPGCL	Koradi Unit 6	210	12/05/2019	11.48	12/05/2019	14.57	Generator Mechanical protection.	
MSPGCL	Koradi Unit 6	210	12/05/2019	15.11	12/05/2019	16.49	Flame Failure	
MSPGCL	Koradi Unit 6	210	12/05/2019	17.14	12/05/2019	19.42	Flame Failure	
MSPGCL	Koradi Unit 6	210	12/05/2019	22.40		Continued.	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/May/2019

Statement-VII

Position as on 6.30 Hrs of 12/May/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Dhule Sar'Sarovar II	InterState	03/05/2019	17.23		Continued.	EO	To rectify trip CKT faulty (RFC 20.40).
Dhule Khandwa II	InterState	10/05/2019	07.29	12/05/2019	08.40	PO	Work At Khandwa END.
Dhule Khandwa I	InterState	12/05/2019	09.30		Continued.	PO	Work At Khandwa End.
Khadka-Aurangabad (Waluj)	IntraState	10/05/2019	17.57	11/05/2019	07.43	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	11/05/2019	17.34		Continued.	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	12/05/2019	03.34	12/05/2019	20.07	T	Distance Protection,Kharghar End -Z1,R-E,5.63KA,45.9KM LOC.NO.28 Insulator Flashover.
Kalwa - Talegaon(PG)	IntraState	12/05/2019	04.14	12/05/2019	15.27	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 Are Damaged.
400/132 Kv 200 Mva Ict 1 @Khadka	IntraState	11/05/2019	06.54	11/05/2019	14.38	PO	Testing Work
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	12/05/2019	08.10	12/05/2019	14.37	PO	After Attending Oil Leakage:Charged ON NO Load.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of Conductor Loc No 86 Disconnecting of Jumper At Loc No 86 & 107 And De-energising The Line Bet.86 To 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	For Bunching of Conductor At Loc No.86 Disconnecting of Jumper At Loc No.86 To 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading.
Nashik-Airoli Knowledge Park	IntraState	11/05/2019	07.14	11/05/2019	23.05	PO	Dismantling Of Conductor.
Trombay - Kalwa	IntraState	11/05/2019	08.57	11/05/2019	16.25	PO	Testing Work
Boisar-Viraj	IntraState	11/05/2019	09.11	11/05/2019	12.47	PO	BAY MAINT.
Koradi-Ambazari-Ii	IntraState	11/05/2019	09.36	11/05/2019	10.42	HT	Attending Hot Spot
Osmanabad - Solapur (Bale)	IntraState	11/05/2019	10.05	11/05/2019	14.06	PO	Armouring & Repair Sleeve Fixing On Conductor
Karad - Vita Ckt- I	IntraState	11/05/2019	10.15	11/05/2019	18.28	PO	Restranging Of Y And B PH Conductor IN BET LOC.NO.
Hingoli- Girawali	IntraState	11/05/2019	10.33	12/05/2019	18.40	PO	NUT BOLT TIGHTING WORK.
Salsette - Saki 7	IntraState	12/05/2019	08.12	12/05/2019	15.22	EO	Attending Hot Spot
Khadka-Chalisgaon-2	IntraState	12/05/2019	13.12	12/05/2019	17.40	T	Distance Protection Z1 B PH 7.75KM IF=Chalisgaon-B PH D=101.9KM IF=2.11KA.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.
220/132 Kv 100 Mva Cgl Ict 1 @Dondaicha	IntraState	12/05/2019	06.48	12/05/2019	09.24	PO	Premonsoon maintenance.
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	07/03/2019	15.40		Continued.	HT	Hand trip From Pench end for system requirement.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage